

IN THE ABSTRACT:

Please amend the abstract as indicated:

The invention provides method of removing dental plaque in an animal subject comprising: contacting the dental plaque with a dental plaque removing effective amount of a hydrolase mixture comprising enzymes from krill.

~~relates to a multifunctional enzyme that can be derived from crustaceans or fish.~~

~~The enzyme has at least one of a chymotrypsin, trypsin, elastase, collagenase and exopeptidase activity, and a molecular weight between about 20 kd and about 40~~

~~kd as determined by SDS PAGE. Preferably, the multifunctional enzyme has~~

~~substantial anti cell-cell adhesion activity. Preferably, the multifunctional enzyme~~

~~has substantial homology with the krill multifunctional enzyme. These enzymes are~~

~~useful for treating viral infections such as herpes outbreaks, fungal, bacterial or~~

~~parasitic infections, including the primary and secondary infections of leprosy,~~

~~colitis, ulcers, hemorrhoids, corneal scarring, dental plaque, acne, cystic fibrosis,~~

~~blood clots, wounds, immune disorders including autoimmune disease and cancer.~~

~~Additionally, the invention relates to a method of purifying the multifunctional~~

~~enzyme, and to a preparation of essentially purified multifunctional enzyme.~~